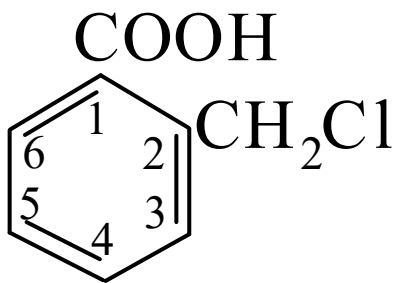




>>Entry Name: 2-(Chloromethyl)benzoic acid, 9CI

Synonym(s): α -Chloro-*o*-toluic acid. *o*-Carboxybenzyl chloride



CAS Registry Number: 85888-81-9

Molecular Formula: $C_8H_7ClO_2$

Molecular Weight: 170.595

Accurate Mass: 170.013457

Percentage Composition: C 56.33%; H 4.14%; Cl 20.78%; O 18.76%

Physical Description: Plates

Melting Point: Mp 133-135.5°

>>Derivative: Et ester

CAS Registry Number: 1531-78-8

Molecular Formula: $C_{10}H_{11}ClO_2$

Molecular Weight: 198.648

Accurate Mass: 198.044757

Percentage Composition: C 60.46%; H 5.58%; Cl 17.85%; O 16.11%

Boiling Point: Bp₁₄ 140°

Rare Chemicals Library: S89627-6

>>Derivative: Chloride

Synonym(s): 2-(Chloromethyl)benzoyl chloride, 9CI

CAS Registry Number: 42908-86-1

Molecular Formula: $C_8H_6Cl_2O$

Molecular Weight: 189.04

Accurate Mass: 187.979569

Percentage Composition: C 50.83%; H 3.20%; Cl 37.51%; O 8.46%

Boiling Point: Bp 265°. Bp_{0.5} 87.5-88.5°

>>Derivative: Amide

CAS Registry Number: 13169-51-2

Molecular Formula: C_8H_8ClNO

Molecular Weight: 169.61

Accurate Mass: 169.029441

Percentage Composition: C 56.65%; H 4.75%; Cl 20.90%; N 8.26%; O 9.43%

Physical Description: Needles

Melting Point: Mp 190° (dec.)

Other Data: Sinters at 100°

>>Derivative: Nitrile

Synonym(s): 2-(Chloromethyl)benzonitrile, 9CI. α -Chloro-*o*-tolunitrile. *o*-Cyanobenzyl chloride

CAS Registry Number: 612-13-5

Molecular Formula: C_8H_6ClN

Molecular Weight: 151.595

Accurate Mass: 151.018876

Percentage Composition: C 63.38%; H 3.99%; Cl 23.39%; N 9.24%

Physical Description: Prisms

Melting Point: Mp 60-61°

Boiling Point: Bp 252°

Rare Chemicals Library: S62774-7

References: